# 6 Resonator Band-Pass Filter for TETRA Band

## DESCRIPTION

- The BPF 70/33-TETRA-...-... are 6 resonator band-pass filters designed for TETRA.
- The filters use reduced-length ¼ λ cavities in a compact, strong aluminium housing.
- 19" drawers available as options.
- Built-in DC stop between all ports.

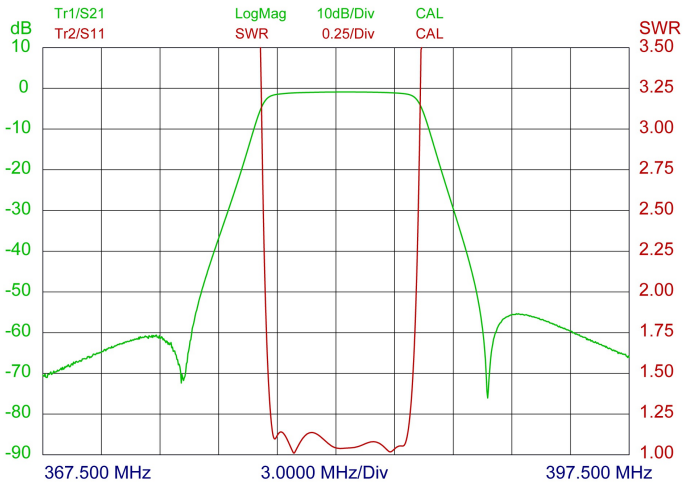
## SPECIFICATIONS

| Electrical | |
|---|---|
| Model | BPF 70/33-TETRA-...-... |
| Frequency | See ordering designations |
| Max. Input Power | 200 W |
| Insertion Loss | ≤ 1.5 dB (typ. 1.3 dB) |
| Impedance | 50 Ω |
| VSWR | ≤ 1.5:1 (all ports) |
| Stop Band Attenuation | > 55 dB / 5 MHz<br>Typ. 58 dB / 5 MHz |

| Mechanical | |
|---|---|
| Connection(s) | N(f) or 7/16 Din(f) |
| Dimensions | 220 x 155 x 86 mm / 8.66 x 6.10 x 3.39 in. |
| Weight | Approx. 3.5 kg / 7.72 lb. |

| Environmental | |
|---|---|
| Operating Temperature Range | -20°C to +60°C |

Typical response curves




## ORDERING

| Type | Product No. | Frequency |
|---|---|---|
| BPF 70/33-TETRA-N(f)-1 | 200001953 | 380 - 385 MHz |
| BPF 70/33-TETRA-N(f)-2 | 200001954 | 385 - 390 MHz |
| BPF 70/33-TETRA-N(f)-3 | 200001955 | 390 - 395 MHz |
| BPF 70/33-TETRA-N(f)-4 | 200001956 | 395 - 400 MHz |
| BPF 70/33-TETRA-N(f)-5 | 200001957 | 410 - 415 MHz |
| BPF 70/33-TETRA-N(f)-6 | 200001958 | 415 - 420 MHz |
| BPF 70/33-TETRA-N(f)-7 | 200001959 | 420 - 425 MHz |
| BPF 70/33-TETRA-N(f)-8 | 200001960 | 425 - 430 MHz |
| BPF 70/33-TETRA-N(f)-9 | 200001961 | 450 - 455 MHz |
| BPF 70/33-TETRA-N(f)-10 | 200001962 | 455 - 460 MHz |
| BPF 70/33-TETRA-N(f)-11 | 200001963 | 460 - 465 MHz |
| BPF 70/33-TETRA-N(f)-12 | 200001964 | 465 - 470 MHz |
| BPF 70/33-TETRA-7/16(f)-1 | 200001629 | 380 - 385 MHz |
| BPF 70/33-TETRA-7/16(f)-2 | 200002023 | 385 - 390 MHz |
| BPF 70/33-TETRA-7/16(f)-3 | 200002024 | 390 - 395 MHz |
| BPF 70/33-TETRA-7/16(f)-4 | 200002025 | 395 - 400 MHz |
| BPF 70/33-TETRA-7/16(f)-5 | 200002026 | 410 - 415 MHz |
| BPF 70/33-TETRA-7/16(f)-6 | 200002027 | 415 - 420 MHz |
| BPF 70/33-TETRA-7/16(f)-7 | 200002028 | 420 - 425 MHz |
| BPF 70/33-TETRA-7/16(f)-8 | 200002029 | 425 - 430 MHz |
| BPF 70/33-TETRA-7/16(f)-9 | 200002030 | 450 - 455 MHz |
| BPF 70/33-TETRA-7/16(f)-10 | 200002031 | 455 - 460 MHz |
| BPF 70/33-TETRA-7/16(f)-11 | 200002032 | 460 - 465 MHz |
| BPF 70/33-TETRA-7/16(f)-12 | 200002033 | 465 - 470 MHz |

PROCOM A/S reserves the right to
amend specifications without prior notice